

THURSDAY

Plenary

MAIN CONFERENCE (Room KERKIRA)

Thursday 13

08.30 - 09.10	Pietronero L.	<i>Economic complexity</i>	Chair
09.10 - 09.50	Luczka J.	<i>Long-lasting but transient anomalous diffusion</i>	Gupte N.
09.50 - 10.30	Gudowska-Nowak E.	<i>Nonequilibrium properties of Levy noises</i>	

Special Section A2

MAIN CONFERENCE (Room KERKIRA)

Thursday 13

10.30 - 11.00 Coffee break			
11.00 - 11.30	Anwasia B.	<i>Reaction diffusion limit of a kinetic model for chemically reactive gas mixtures</i>	Chair
11.30 - 12.00	Carvalho F.	<i>Numerical results for a bidimensional stability analysis of detonation waves</i>	Bisi M.
12.00 - 12.30	Hristopoulos D.	<i>Study of nonlinear kinetic equation for grain growth</i>	
12.30 - 13.00	Polewczak J.	<i>New kinetic models of dense reactive and inert mixtures</i>	
13.00 - 15.00 Break			

Area B

MAIN CONFERENCE (Room NAUSICA)

Thursday 13

10.30 - 11.00 Coffee break			
11.00 - 11.30	Donev A.	<i>Fluctuating hydrodynamics of complex fluid mixtures</i>	Chair
11.30 - 11.50	Spineanu F.	<i>Clusters of helicity and stochastic linking number generation in plasma</i>	Livadiotis G.
11.50 - 12.10	Tarasevich Yu.	<i>Electrical conductivity of a monolayer of rod-like particles: a lattice approach</i>	
12.10 - 12.30	Tarasov S.	<i>Self-similarity of critical phenomena and their dependence on the boundary...</i>	
12.30 - 12.50	Tsori Y.	<i>Prewetting transition in electric field gradients</i>	
12.50 - 15.00 Break			

Area C

MAIN CONFERENCE (Room ITHACA)

Thursday 13

10.30 - 11.00 Coffee break			
11.00 - 11.20	Gupte N.	<i>Synchronization and finite size scaling on hierarchical lattices</i>	Chair
11.20 - 11.40	Mariani M.	<i>A time-respecting null model to explore the structure of growing complex networks</i>	Palmisano C.
11.40 - 12.00	Argyarakis P.	<i>K-shell decomposition method applied in patent citation network</i>	
12.00 - 12.20	Michelitsch T.	<i>A matrix function approach with analysis of fractional random walks on regular...</i>	
12.20 - 12.40	Mizuno T.	<i>Exploiting global buyer-supplier networks to improve supply chain due diligence</i>	
12.40 - 13.00	Hoell M.	<i>General theory of detrending-operation-based scaling analysis methods and ...</i>	
13.00 - 15.00 Break			

Workshop 3

Quantum Matter (Room LEUCAS)

Thursday 13

10.30 - 11.00 Coffee break			
11.00 - 11.30	Ojanen T.	<i>Designer curved-space geometry for relativistic fermions in Weyl metamaterials</i>	Chair
11.30 - 12.00	Kioussis N.	<i>Search for novel topological Weyl semimetal phases</i>	Kourtis S.
12.00 - 12.30	Hermanns M.	<i>Classification of 3D Kitaev spin liquids</i>	
12.30 - 13.00	Rajabpour M.	<i>Formation probabilities, Post-measurement entanglement entropy and Casimir effect</i>	
13.00 - 15.00 Break			

Workshop 1

Kappa Distributions and Statistical Mechanics (Room KROKIDIS)

Thursday 13

10.30 - 11.00 Coffee break			
11.00 - 11.30	Watkins N.	<i>Long range dependence, fractional renewal models, and Bayesian inference</i>	Chair
11.30 - 12.00	Curado E.	<i>Consistent thermodynamic framework for a nonextensive system and the</i>	Nicolaou G.
12.00 - 12.30	Pavlos G.	<i>Non-extensive statistical analysis of magnetic field during the March 2012...</i>	
12.30 - 13.00	Kalogeropoulos N.	<i>The Legendre transform and non-additive entropies</i>	
13.00 - 15.00 Break			

15.00 - 15.30	Soares A.	<i>Transport properties in chemically reactive mixtures of dilute gases</i>	Chair
15.30 - 16.00	Bisi M.	<i>Kinetic models and hydrodynamic limits for reacting mixtures of polyatomic gases</i>	Polewczak J.
16.00 - 16.30	Cao F.	<i>Mechanics, thermodynamics and kinetics of ligand binding to biopolymers</i>	
16.30 - 17.00	Garzò V.	<i>Transport in sheared granular suspensions</i>	
17.00 - 17.30	Coffee break		

Workshop 3

Quantum Matter (Room LEUCAS)

Thursday 13

15.00 - 15.30	Plumb N.	<i>A different route to unconventional superconductivity: new spectroscopy ...</i>	Chair
15.30 - 16.00	Castelnovo C.	<i>D-wave superconductivity in boson+fermion dimer models</i>	Ellinas D.
16.00 - 16.30	Chandran A.	<i>Thermal inclusions in the many-body localized phase in higher dimensions</i>	
16.30 - 17.00	Neupert T.	<i>Probing many-body localization with neural networks</i>	
17.00 - 17.30	Coffee break		

17.30 - 18.00	Jarvis P.	<i>Parameter estimation via reluctant discrete quantum walks: an operational ...</i>	Chair
18.00 - 18.20	Berec V.	<i>Quantum walk algorithm in chaos based cryptography</i>	Kourtis S.
18.20 - 18.40	Ellinas D.	<i>Separable Qubit X States Statistics: A Lattice Quantum Simulator</i>	
18.40 - 19.00	Sotiriadis S.	<i>Equilibration, memory loss and memory preservation in one-dimensional</i>	
19.00 - 19.20	Carollo A.	<i>Geometry of dissipative driven phase transitions</i>	

Workshop 1

Kappa Distributions and Statistical Mechanics (Room KROKIDIS)

Thursday 13

15.00 - 15.30	Mejia-Monasterio C.	<i>From Hamilton to Boltzmann: The dynamical road toward equilibrium</i>	Chair
15.30 - 16.00	Nicolaou G.	<i>Plasma temperature misestimation when the Maxwell distribution is assumed ...</i>	Gontikakis G.
16.00 - 16.30	Livadiotis G.	<i>Kappa distributions: Theory and applications in plasmas</i>	
16.30 - 17.00	Du J.	<i>The nonextensive parameter for the rotating astrophysical systems with ...</i>	
17.00 - 17.30	Coffee break		

17.30 - 19.00	Poster Session		Thursday 13 Provata A.
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19.00 - 20.00	Moussas X.	MAIN CONFERENCE (Room KERKIRA) <i>The Antikythera mechanism: The oldest tablet of the second century B.C.</i>	Chair Livadiotis G.
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20:00	Social Event		
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